

KHAFIZOV, N.

20940 Khafizov, N. Obshchestbennyye vykormki shelkopayada--osnova vy sokogo urozhaya kokonov. Sots. sel. Khoz-vo Uzbekistana, 1949, No. 1, s. 88-94

SC: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

KHAFISOV, N. P.

Ekonomika i organizatsiia kolxoznogo shelkovedstva (Economics and organization of collective farm sericulture). Tashkent, Gos. izd-vo Uzbekskoi SSR, 1953. 135 p.

EC: Monthly List of Russian Accessions, Vol. 7, No. 7, Oct. 1954

KHAFIZOV, N.R.

4713

KHAFIZOV, N.R. Ekonomika i Organizatsiya Kollektivnogo Shelko V Odstva. Opyt
Peredovykh Kollektivov Sred. Azii. Tashkent, Gosizdat U2 SSR, 1954. 148S.20 sr.
10,000 Ekz 2 R-Na Vzbek Yaz. (54-57038) 622.2 and 338.1: 618.2 (584)

SO: Letopis' Zhurnal' nykh Statey, Vol.7, 1949

KHAFIZOV, N.R.

~~XXXXXXXXXXXXXXXXXXXX~~

Sericulture in the Fergana Valley. Trudy AN Tadzh.SSR 36:157-172
'55.

(Fergana--Sericulture)

(MLRA 9:11)

KHAFIZOV, N. R.

USSR / Farm Animals. The Silkworm.

Q

Abs Jour: Ref Zhur-Biol., No 5, 1959, 21343.

Author : Khafizov, N. P.

Inst : Not given.

Title : Contemporary State and Tasks of the Development
of Sericulture in the Zeravshanskiy Basin.

Orig Pub: Materialy po proizvodit. silam Uzbekistana, 1957,
vyp. 9, 351-365.

Abstract: The Zeravshanskiy Basin which includes the Bukh-
arskaya, Samarkandskaya and Kashka-Dar'inskaya
oblasts, occupies second place in Uzbekistan
next to the Fergana Valley in the production of
cocoons. The average yearly harvest of cocoons
increased in the basin area from 1866.5 tons in
1940 to 3633.6 tons in 1956. The average yield
of cocoons per box of silkworm eggs increased

Card 1/2

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KHA FIZOV, RAFAEL KHATYNOVICH

BAGRAMOV, Leon Aleksandrovich, kand. ekon. nauk.; BREGEL', Enokh Yakovlevich, doktor ekon. nauk.; DVORKIN, Il'ya Naumovich, doktor ekon. nauk.; RYNDINA, Mariya Nikolayevna, dots.; KHAFIZOV, Rafael' Khatynovich, kand. ekon. nauk.; KURINA, Ye. A., red.; BERLOV, A.P., tekhn. red.

[Criticism of present-day bourgeois economic theory; a collection]
Kritika sovremennykh burzhuaznykh ekonomicheskikh teorii; sbornik.
Moskva, Izd-vo "Znanie," 1958. 95 p. (Vsesoiuznoe obshchestvo po
rasprostraneniю politicheskikh i nauchnykh znani. Ser. 3,
nos. 27/28/29). (MIRA 11:12)

(Economics)

TSAGOLOV, N.A., prof., doktor ekon.nauk; BLYUMIN, I.G., prof., doktor ekon.nauk [deceased]; RUMYANTSEV, A.M., prof.; KORNIYENKO, A.A., dots.nt, kand.ekon.nauk; SHNEYTERSON, A.I., prof., doktor ekon.nauk; LIF, Sh.B., prof., doktor ekon.nauk; SHVEDKOVA, G.M., kand.ekon.nauk; FISHEVSKIY, Yu.K.; DVORKIN, I.N., doktor ekon.nauk; SIDOROV, I.F.; KHAFIGOV, R.Kh., kand.ekon.nauk; NIKOLAYEV, A.B., kand.ekon.nauk; AVRAMCHUK, T.P., kand.ekon.nauk; AL'TER, L.B., doktor ekon.nauk; BOYARSKIY, A.Ya., prof., doktor ekon.nauk; BREGUT', E.Ya., prof., doktor ekon.nauk; ARZUMANYAN, A.A.; VOLODIN, V.S., dotsent, kand.ekon.nauk; MIKSHA, L.S., kand.ekon.nauk; BUNKINA, M.K., dotsent, kand.ekon.nauk; YEVREYSKOV, A.V., kand.ekon.nauk; FADEYEVA, T.A., kand.ekon.nauk; KOLGANOV, M.V., prof., doktor ekon.nauk; KHROMUSHIN, G.B., kand.ekon.nauk; MOSHENSKIY, M.G., kand.ekon.nauk; IVANOV, N.N., kand.ekon.nauk; GUTTSAYT, M.G., dotsent, kand.ekon.nauk; ABOLTIN, V.Ya., prof., doktor ekon.nauk; KOLLONTAY, V.M., kand.ekon.nauk; GLUKHAREV, L.I., kand.ekon.nauk; POKROVSKIY, A.I., kand.ekon.nauk; DADASHEV, G.A., dotsent, kand.ekon.nauk; ALESTINA, I.V., kand.ekon.nauk; ZHAMIN, V.A., dotsent, kand.ekon.nauk;

(Continued on next card)

TSAGOLOV, N.A.--(continued) Card 2.

KOZLOV, A.P.; TIMOFEYEV, T.T., kand.istor.nauk; ALEKSEYEV, A.M., dotsent, kand.ekon.nauk; FILATOVA, Ye.M., dotsent, kand.ekon.nauk. Prinimali uchastiye: VOLKOV, F.M., kand.ekon.nauk; KHROMUSHIN, G.B.; VOZNESENSKIY, L.A., nauchnyy sotrudnik. SPERANSKAYA, L., red.; CHIRPELEVA, O., tekhn.red.

[Criticism of present-day bourgeois, reformist, and revisionist economic theories.] Kritika sovremennykh burzhuaznykh, reformistskikh i revizionistskikh ekonomicheskikh teorii. Pod red. N.A.TSagalova. Moskva, Izd-vo Sotsial'no-ekon.lit-ry, 1960. 588 p. (MIRA 13:5)

1. Moscow. Universitet. 2. Chlen-korrespondent AN SSSR (for Arzumanyan).

(Economics)

KHAFIZOV, R.N., Cand Chem Sci--(diss) "Certain problems of the mechanism of electrolytic polishing of galvanic platings." Kazan', 1958.
15 pp (Kazan' Chemico-Technological Inst in S.K.Kirov. Technological Faculty), 150 copies (KL45-53, 143)

-31 -

KHAFIZOV, T.; MURTAZINA, Kh.

Out of skins of sea animals. Prom.koop. 14 no.8:13 Ag '60.
(MIRA 13:8)

1. Tekhnoruk arteli "Krasnoye znamya" g.Kazan' (for Khafizov)
2. Nachal'nik otdela tekhnicheskogo kontrolya arteli "Krasnoye
znamya," (for Murtazina).
(Kazan--Tanning)

KOROLEVA, R.P.; KHAFIGOVA, F.A.

New developments in the assortment of cotton fabrics. Tekst.
prom. 24 no.8:11-13 Ag '64. (MIRA 17:10)

1. Nachal'nik otdela khlopchatobumazhnoy promyshlennosti
Vsesoyuznogo instituta assortimentov izdeliy legkoy
promyshlennosti i kul'tury odezhdy (VIALEGprom) (for
Koroleva). 2. Starshiy inzh. otdela khlopchatobumazhnoy
promyshlennosti Vsesoyuznogo instituta assortimentov
izdeliy legkoy promyshlennosti i kul'tury odezhdy (for
Khafizova).

BLIZEYEV, V.I., kand.med.nauk; KHAFIZOVA, L.M., mladshiy nauchnyy sotrudnik

Sanitary and hygienic characteristics of the water supply of Chita.
Gig. i san. 26 no.6:74-75 Je '61. (MIRA 15:5)

1. Iz Chitinskogo nauchno-issledovatel'skogo instituta epidemiologii,
mikrobiologii i gigiyeny.

(CHITA--WATER SUPPLY--HYGIENIC ASPECTS)

BALFNKOVA, Ye.S.; KHAFIZOVA, N.A.; KHROMOV, S.I.; KAZANSKIY, B.A., akademik

Conversions of methylcyclooctane in the presence of platinum catalysts. Dokl. AN SSSR 161 no.6:1329-1332 Ap '65. (MIRA 18:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.

SVETKIN, Yu.V.; MINLIBAYEVA, A.N.; KHAFIZOVA, N.A.

Reactions between ketene and nitrogen-containing bases. Part 9:
Chloroacetylation of primary aromatic amines. Zhur.ob.khim. 31
no.6:2023-2025 Je '61. (MIRA 14:6)

1. Bashkirskiy gosudarstvennyy universitet imeni 40-letiya
Okt'yabrya.

(Amines) (Ketene)

BALENKOVA, Ye.S.; KHAFIZOVA, N.A.; KHRIMOV, S.I.

Conversions of cis-8-methylhydrindan in the presence of
platinized carbon. Neftekhimiia 5 no.6:797-800 N-D '65.

(MIRA 19:2)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova,
kafedra khimii nefti. Submitted Dec. 31, 1964.

BALENKOVA, Y.-S.; KHAFIZOVA, N.A.; FRANK, M.I.; KHEOMOV, S.I.; KAZANSKIY, B.A.,
akademik

Transformations of methylcyclononane in the presence of a ferroplatinum
catalyst. Dokl. AN SSSR 158 no.5:1112-1115 O '64.

(MIRA 17:10)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.

KHAFUZ, I. M., Cand Tech Sci (diss)-- "Basic casting properties of type-ZnS alloys, and the selection of a method of casting nozzle blades". Moscow, 1960. 16 pp (All-Union Order of Lenin Sci Res Inst of Aviation Materials) (KL, No 14, 1960, 134)

S/123/61/000/002/009/C17
A005/A001

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1961, No. 2, pp. 2-3,
2G24

AUTHOR: Khafuz, I. M.

TITLE: The Casting Properties of Heat-Resistant Alloys

PERIODICAL: V sb.: "Usadochn. protsessy v metallakh". Moscow, AN SSSR, 1960,
pp. 50-56

TEXT: The variation was investigated of flowability, volume, and the depth of occurrence of the shrinkage hole in the heat-resistant alloys AK-4 (LK-4), $\text{B\text{A}7-45Y}$ (VL7-45U), and XC-3 (ZhS-3) at varying temperatures of mold and casting, as well as the effect of centrifugal forces on the filling up to the mold and the depth of occurrence of the shrinkage hole. It is found out that an increase of flowability can be attained by heating the mold. When casting on the centrifugal machine, the flowability increases dependent on the peripheral speed, following a parabolic curve. With increasing temperature of casting, the porosity and shrinkage of the outer outlines decrease, and the shrinkage hole increases in volume and becomes more concentrated. The volume of the shrinkage hole in the alloys

Card 1/2

The Casting Properties of Heat-Resistant Alloys

S/123/61/000/002/009/017
A005/A001

LK-4 and VL7-45U varies from 4.5 to 7.5% with an increase of the casting temperature from 1,500 to 1,650°C. The volume of the shrinkage hole in the alloy ZhS-3 varies, in casting within the same temperature range, from 3.4 to 8%. ✓

Yu. Sorokin

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

L 40797-66 EWP(k)/EWT(m)/EWP(t)/ETI IJP(c) JD/HW

ACC. NR: AP6019715

SOURCE CODE: UR/0128/66/000/006/0043/0044

AUTHOR: Khafuz, I. M. (Candidate of technical sciences)

38
B

ORG: none

TITLE: Vacuum casting and solidification of a high-temperature nickel alloy

SOURCE: Liteynoye proizvodstvo, no. 6, 1966, 43-44

27

TOPIC TAGS: high temperature nickel alloy, vacuum casting, mechanical property, temperature dependence / ZhS6-K nickel alloy

ABSTRACT: The article deals with the effect of the depth of vacuum, temperature of pouring and pressure at crystallization on the stress-rupture strength, plasticity, impact strength and shrinkage porosity of ZhS6-K nickel alloy. The original alloy, following its melting in 50-kg vacuum induction furnace, was remelted in batch-type vacuum induction furnaces and following exposure to 1700°C in order to completely eliminate films, poured at 1450-1650°C in a vacuum of either $3 \cdot 10^{-1}$ mm Hg or $3 \cdot 10^{-3}$ mm Hg into specimen molds heated to 950°C. Curves of the stress-rupture strength, impact strength and plasticity of specimen at 975°C and 20 kg/mm² as a function of pouring temperatures in a vacuum of $3 \cdot 10^{-3}$ mm Hg, as

UDC: 621.74.045:669.14.018.44:621.7982

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ACC NR: AP6019715

shown in Fig. 1, reveal that δ reaches its maximum for a pouring temperature of 1550°C while γ and α remain fairly constant. The effect of pressure during crystallization on δ , α and γ

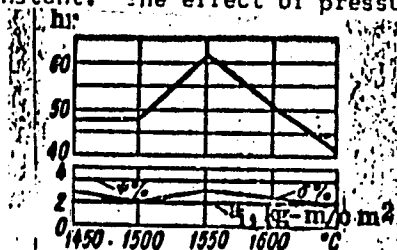


Fig. 1.

γ was investigated on remelting and pouring at $3 \cdot 10^{-3}$ mm Hg with cooling under argon pressures of $3 \cdot 10^{-3}$, 10 and 100 mm Hg and it was thus established that with increasing pressure the δ of specimens somewhat increased while α and γ remained constant. The investigation of shrinkage porosity in ingots cast at 1550°C and $3 \cdot 10^{-3}$ mm Hg into molds heated to 950°C, with subsequent cooling of the ingots at $3 \cdot 10^{-3}$, 10 and 100 mm Hg showed that at $3 \cdot 10^{-3}$ mm Hg the pipe (shrinkage cavity) extends to 1/3 of height of the specimen, whereas when the pressure is increased to 10 and 100 mm Hg not even porosity could be observed. The increase

L 40797-66

ACC NR: AP6019715

in pipe in the presence of deep vacuum is attributable to the low pressure of gases in the vacuum chamber on the molten metal in the casting head. On crystallization in a vacuum at $3 \cdot 10^{-3}$ mm Hg the resulting macrograin is larger than on crystallization at 10 and 100 mm Hg, owing to the slower cooling of the ingot. To reduce grain growth, the temperature of the mold and alloy during casting must be reduced insofar as permitted by the configuration of the ingot, and inoculants must be added. Orig. art. has: 4 figures.

SUB CODE: 11, 13, 20/ SUBM DATE: none/

Card 3/3

KHAGABANOV, A.Kh. (g. Nal'chik)

Improving the apparatus for the demonstration of critical states of substances. Fiz. v shkole 19 no.1:96-97 Ja-F '59. (MIRA 12:3)

1. Pedagogicheskiy institut.
(Physical instruments)

L 65268-65

PNT(M)/EPF(a)/ENP(a)/T W/RH

ACCESSION NR: AR5014411

ANALYSIS, 1963, 6Ye82). The formula for calculating α is defined. The calculation is based on equating various parameters.

KHAGANOV, Ye.I., otv. red.; FISHER, L.B., red. · POPOV, K.V.,
red.; STEHNIKOV, M.G., tekhn. red.

[Materials for the conference of young scientists; on the
tenth anniversary of the East-Siberian Branch of the Academy
of Sciences of the U.S.S.R.] Materialy k konferentsii molo-
dykh nauchnykh sotrudnikov; k 10-letiiu Vostochno-Sibirskogo
filiala AN SSSR. Blagoveshchensk. No.3. [Chemistry and metal-
lurgy] Khimiia i metallurgii. 1960. 93 p. (MIRA 17:2)

1. Akademiya nauk SSSR. Vostochno-Sibirskiy filial, Irkutsk.

KHAGEMAN, R. [Hageman, R.], inzh.

Principles of the design and construction of mobile bridges.
Sbor. trud. MISI no.39:288-297 '61. (MIRA 16:4)

1. Zavod "Laukhammer", Germanskaya Demokraticeskaya
Respublika.

(Germany, East—Transporter bridges)

KHAGEMAN, R. [Hagemann, R.]; SOBOLEV, N.A. [translator]; ASTAUROV, B.L., red.; SYSINA, N.A., red.; KHOMYAKOV, A.D., tekhn. red.

[Plasmatic heredity] Plazmaticheskaya nasledstvennost'. Pod red.i s predisl. B.L.Astaurova. Moskva, Izd-vo inostr. litery, 1962. 110 p. Translated from the German. (MIRA 16:4)

1. Chlen-korrespondent Akademii nauk SSSR (for Astaurov).
(Protoplasm) (Heredity)

MOKHOV, Anatoliy Aleksandrovich; SHELINSKIY, Georgiy Ivanovich;
KHAGEMEYSTER, Ye., red.

[Systematic process of operations of the qualitative semi-
microanalysis of cations and anions; a manual on qualitative
analysis] Sistematicheskii khod kachestvennogo polumikro-
analiza kationov i anionov; uchebnoe posobie po kachestven-
nomu analizu. Leningrad, Severo-zapadnyi zaachnyi in-t,
1964. 37 p. (MIRA 18:3)

ZVIAGIN, Boris Konstantinovich; KHACHEMYSTER, Ye., red.

[Mechanical drawing; "Engineering and structural drawing"
section. Manual] Mashinostroitel'noe cherkhenie; razdel
"Inzhenerno-stroitel'noe cherkhenie." Uchebnoe posobie.
Leningrad, Severo-zapadnyi zaachnyi politekhn.in-t, 1959.
35 p. (MIRA 13:10)
(Mechanical drawing)

BEKLEMISHEV, Dmitriy Petrovich; KHAGEMEYSTER, Ye., red.

[Methods for the solution of dynamic problems of the strength of materials; study manual] Metodika reshenia dinamicheskikh of dinamicheskikh zadach soprotivlenia materialov; uchebnoe posobie. Leningrad, Severo-Zapadnyi zaachnyi politekhn.in-t, 1961. 43 p. (MIRA 15:7)

(Strength of materials)

KHAZANOVICH, K.K., dots., kand. geol.-min. nauk; KHAGEMEYSTER, Ye.,
red.

[Crystallography] Kristallografiia; posobie k labora-
tornym rabotam. Fakul'tety: metallurgicheskii i khimiko-
tekhnologicheskii. Leningrad, Severo-Zapadnyi zaokhnyi.
politekhnikheskii in-t, 1963. 62 p. (MIRA 17:1)

KHAGEMEYSTER Ye.A.

KHAGEMEYSTER, Ye.A., inzh.; MURZIN, A.P., inzh.

Photochronograph. Gidr.stroi. 26 no.9:47 S '57.
(Photochronograph)

(MIRA 10:10)

KHAGEMEYSTER, Ye. A., Candidate Tech Sci (diss) -- "Accelerated automatic switch reclosing from self-synchronized large hydrogenerators (UAPVS)". Leningrad, 1959. 16 pp (Min Higher Educ USSR, Leningrad Electrical Engineering Inst im V. I. Ul'yanov (Lenin)), 150 copies (KL, No 23, 1959, 168)

KHAGEMEYSTER, Ye.A., kand.tekhn.nauk

Power characteristics of the ionic excitation system of a large
hydrogenerator. Vest. elektroprom. 31 no.10:10-12 0 '60.
(MIRA 15:1)

(Turbogenerators)
(Volga Hydroelectric power station (Leninin))

"APPROVED FOR RELEASE: 09/17/2001

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APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721710002-1"

Khagemeyster, E. F.

USSR/ Meteorology - Climate changes

Card 1/1 Pub. 86 - 16/38

Authors : Khagemeyster, E. F., and Obruchev, V. A., Academician

Title : The ice period and Atlantida

Periodical : Priroda 54/7, 92 - 96, Jul 1955

Abstract : A study is presented of the evidence of changing climate in the regions distant from the equator, which at one time permitted the existence of subtropical life and later the glacial conditions, which were again followed by warmer climate. It is suggested that the existence of a continent in the Atlantic Ocean may have so changed the ocean currents as to cause the cold of the ice age in the northern regions. Seven references: 6 Russian and USSR and 1 French (1883-1953). Map.

Institution :

Submitted :

MILLER, Ye.V., dotsent, kand.tekhn.nauk; TIMOFEYEV, V.A., prof., doktor tekhn.nauk, otv. red.; KHAGEMEYSTER, Ye.S., red.

[Principles of electric driving; instructions and problems]
Osnovy elektroprivoda; metodicheskie ukazania i kontrol'nye zadania.
Fakul'tet: elektro-energeticheskii. Spetsial'nost': "elektrifikatsiia
prompredpriatii i ustanovok." Leningrad, 1958. 26 p. (MIRA 12:1)

1. Severo-zapadnyy zaachnyy politekhnicheskiiy institut. 2. Zaveduyushchiy kafedroy elektrifikatsii prompredpriyatii i ustanovok (for Timofeyev).

(Electric driving)

Construction Industry - Finance

Arrangement for financing capital construction in 1952. Zhil. -kon. khoz. 2, no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

KOSHELEV, V.; KHAGUROV, Yu.

Financing capital construction. Zhil.-kom.khoz. 6 no.8:
27 '56. (MLRA 10:2)

(Construction industry--Finance)

DAN'KO, I.V.; KHAGUSH, M.A. (Sukhum)

Case of noma in the Sukhum nursery of the Institute of Experimental Pathology and Therapy. Arkh. pat. 27 no.2:82-84 '55. (MIRA 18:5)

1. Institut eksperimental'noy patologii i terapii (dir. - prof. B.A.Lapin) AMN SSSR.

GRAMENITSKIY, V.N.; KHANOVANOV, K.I.

Using the principle of unsealed piston in precision
measuring instruments. Izv. tekhn. no. 4:32-38 Ap '64.
(MIRA 17:2)

KHAIDAROV, A.Kh., dotsent; RAFIKOV, G.Kh.

Case of echinococcus of the prostate gland. Med.zhur. Hzb. no.11:
70 N '60. (MIRA 14:5)

1. Iz gospi'tal'noy khirurgicheskoy kliniki Samarkandskogo gosudar-
stvennogo meditsinskogo instituta imeni I.P.Pavlova.
(PROSTATE GLAND—HYDATIDS)

KHAIDUDOV, L., prof.; ARMENKOV, At.; PANTEVA, L.; GINEV, B.

Combined injuries of the abdomen and pelvis. Khirurgiia 15
no.9/10:839-847 '62.

(ABDOMINAL INJURIES) (PELVIS)

KIRILOV, D., inzh.; PETROV, Iv., inzh.; LABLIN, IU., inzh.; KHALIDUKOV, P.,
inzh.

The TRS-40/20 television relay. Radio i televiziiia 11 no.11:335-
339 '62.

KIMIDUSHKI, I.

Precision of horizontals drawn on a scale of 1:5000 with the A6 mapping apparatus. p, 28.

Vol. 4, no. 1, Jan. 1955
TEKHNIKA
Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 4 April 1956

KHATLUSKI, I.

KHATLUSKI, I. Photogrammetry for large-scale maps. p. 34.

Vol. 5, No 4, July/Aug. 1956.

TEKHNIKA

TEKHNIKA

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 2, Feb. 1957

SOV/154-58-1-3/22

AUTHORS: Khaydushki, I. T., Engineer, Zafirov, P. V.
(Translated from Bulgarian by G. K. Venediktov)

TITLE: Increased Possibilities in Working on Autographs Provided With Means for Projecting Automatically by Altering Focal Length in Projecting Cameras (Uvelicheniye vozmozhnostey kartografirovaniya na avtografakh s mekhanicheskim proyektirovaniyem posredstvom izmeneniya fokusnogo rasstoyaniya v proyeksionnykh kamerakh)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Geodeziya i aerofotos"yemka, 1958, Nr 1, pp 29-34 (USSR)

ABSTRACT: The exact modern apparatus, as A-7, C-8 and others, offer the possibility of increasing the accuracy in cartographing by altering the elements of interior orientation. This is true especially of type-A-6 autographs, where it is hardly possible to increase accuracy in any other way. In accuracy tests by means of A-6 of the altitudes to be determined the formula (1) was established and also formula (2), respectively, in which this accuracy m_h is expressed in the altitude of the air photograph and reduced to the average inclination.

Card 1/3

SOV/154-58-1-3/22
Increased Possibilities in Working on Autographs Provided With Means for
Projecting Automatically by Altering Focal Length in Projecting Cameras

m_p is a function of the photographing altitude. The formula (17) was derived for the resultant vertical parallax caused by change in focal length. This formula shows that the resultant vertical parallax in case of focal length change is corrected by the ratio between the altitudes. Stereo-cartography with different focal lengths is important especially in the two following cases: 1) If the scale of aerophotography is very small and unfavorable for cartography within the limits of accuracy required. Two tests were carried out independently of each other with the autograph "БНАбА-А-6". The results gave proof of the suitability and usefulness of this method of cartography with changed focal length. 2) The tests offered good results with А-6 also in larger scales although this instrument is not at all suited for such a kind of cartography. The most important advantage of this method is that it may successfully solve the problem of selecting bases with large-scale photographs. There are 2 figures, 1 table, and 1 reference, 0 of which is Soviet.

Card 2/3

SOV/154-58.1-3/22
Increased Possibilities in Working on Autographs Provided With Means for
Projecting Automatically by Altering Focal Length in Projecting Cameras

ASSOCIATION: Sofiyskiy inzhenerno-stroitel'nyy institut (Bulgariya)
(Sofia Institute of Civil Engineers, Bulgaria)

Card 3/3

KHAYDUSHKI, I.; ZAFIROV, P.

"Refiner stereomapping aerophotographic pictures by stereomapping apparatus with mechanical projection."

p.24 (Tekhnika, Vol. 7, no. 2, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

KHAYLUSHKI, I. T., ZAFIROV, P. V.,

"Increasing the Possibilities for Drafting Maps on Autographs with
Mechanical Projecting through Changing the Focus Length in Projecting Cameras,"
Izvestiya Vysshikh Uchebnykh Zavedeniy Geodeziya I Kartografiya, No 1, Moskva,
1958. p. 27

KHAIDUSKI, I.

"Expressing the coefficients in the formula $m_h = \pm (a + b \cdot \operatorname{tg} \alpha)$ with elements of photogrammetry."

TEKHNIKA. Sofia, Bulgaria., Vol. 7, No. 8, 1958

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), IC, Vol. 8, No. 7, July 1959, Unclas

3(4)

AUTHOR: Khaydushki, I. T.

SOV/154-59-3-12/19

TITLE: Analytic Representation of the Influence of Orientation Elements on the Total Parallax While Taking Stereophotographs (Analiticheskoye predstavleniye vliyaniya oriyentirovochnykh elementov na summarnyy parallaks pri stereos"yemke)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka. 1959, Nr 3, pp 127 - 137 (USSR)

ABSTRACT: By means of mutual orientation of two aerial photographs taken for stereoscopic observation the unknown quantities of orientation, which are the approximate quantities of the turning and inclination of the camera during the time of exposure, are determined. Formula (15) is derived which shows that the relations between the actual unknown quantities of orientation are the relations of the parallax in the respective point towards its coordinates in the stereogram plane. This formula shows that with a change of the orientation elements the projections of the points of a plane (single photograph) shift towards the corresponding points in the second photograph, following a curve. The equations of these curves are projections of the spherical

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Analytic Representation of the Influence of Orientation SOV/154-59-3-12/19
Elements on the Total Parallax While Taking Stereophotographs

curves on the plane. The change of the individual actual unknown quantities of orientation causes a parallax the degree of which is a function of the coordinates of the observed points, and of the relation between the point and the curve of the parallax "movement". This curve is nothing but the curve of the effect of the unknown quantity of orientation. Proceeding from (15) the formulas (16), (17), and (18) are obtained by a successive elimination of the elements of orientation. Meaning and geometric significance of these formulas can be obtained by an investigation of each effect of the unknown quantities of orientation on the stereophotograph. Here the effect of the turning of photographs is investigated. For this purpose formula (24) is derived which shows that: 1) in the case of turning the movement of the projections of the points of the stereophotograph takes place in the form of a circle with radius r and its center in the center of the basis. 2) The total parallax at a given radius r is a constant quantity $P = f(r)$; 3) the total parallax at the poles of the basis (points 1 and 2) is $P \approx P_y$, and at the axis which vertically cuts the center of the basis it is $P \approx P_x$. The value of the parallax at the nadirs

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Analytic Representation of the Influence of Orientation SOV/154-59-3-12/19
Elements on the Total Parallax While Taking Stereophotographs

(points 1 and 2) depends upon the length of the basis at a certain turning. These calculations were made on the assumption that the turning angles of two photographs are practically equal: $d\kappa_1 \approx d\kappa_2$. An investigation is carried out as to whether this applies also in the case of $d\kappa_1 \neq d\kappa_2$. Formula (34) is derived for the circumference, and it is shown that for all points of this circle the coefficient a (quantity below the root in formula (35)) is dependant on $d\kappa_1$ and $d\kappa_2$ but not on angle α between r_1 and r_2 . Formula (36) is obtained. By means of this formula the value and direction of the total parallax can be found. This is graphically represented in figure 11. From this figure it may be seen that for all points of a group of circles in the stereophotographing field the value and direction of the total parallax can be obtained by turning, i.e. by means of circles. There are 11 figures.

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Analytic Representation of the Influence of Orientation SOV/154-59-3-12/19
Elements on the Total Parallax While Taking Stereophotographs

ASSOCIATION: Sofia Civil Engineering Institute, Bulgarian People's Republic

SUBMITTED: October 29, 1958

Card 4/4

~~HAIDUTOV~~ KHAIDUTOV, I.

HAIDUTOV, I. [Khaidutov, I.]; IVANOV, Z.

Notes on structural and petrographic particularities of
Stakevski pluton and its metamorphic mantle. Doklady BAN
14 no.4:377-380 '61.

1. Submitted by Academician E. Bonchev.

GOCHEV, P.M.; IVANOV, Zh.; KHAIDUTOV, Iv.

Structural peculiarities of the Mezdra pluton and its framework.
Izv Geol inst BAN 12:5-76 '63.

Kharkov, G.I.

TABLE I. BOOK REPRODUCTION 22/2007

Anderskya nauk latvyskoy SSSR. Institut mashinovedeniya
Voprosy dinamiki i protivostoyaniya: sbornik statey, vyp. VI. (Problems of Dynamics and Strength: Collection of Articles, No. 6) 22/2007. Edited by A. L. Latvyskoy SSSR, 1999. 159 p. 150 copies printed.

Ed.: A. Vengrovich; Tech. Ed.: A. Klyavina; Editorial Board: N. D. Petrov, Corresponding Member, Academy of Sciences Latvian SSR, Professor, Doctor of Technical Sciences (Eng. Sc.); S. B. Lyubskiy, Doctor, Candidate of Technical Sciences; and N. O. Kalinin, Doctor, Candidate of Technical Sciences.

REMARKS: This book is intended for mechanical engineers and technical workers.

CONTENTS: The book presents 10 articles on problems related to shock absorbers, railroad cars, thin-walled bars, crane structures, automatic balancing, oscillations, and the performance of mechanical presses. The authors are technical or scientific workers at the Institute of Machine Designing of the Academy of Sciences Latvian SSR, at the Riga Polytechnical Institute (Riga Polytechnic Institute), and at the Riga Polytechnical Institute of Aviation Engineering (Riga Polytechnical Institute of Aviation Engineering). The authors are: N. D. Petrov, N. O. Kalinin, S. B. Lyubskiy, and A. Vengrovich. References are given following each article except one.

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Mikhailovskiy, A.I. Some Problems in the Theory of Automatic Balance- ing	123
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KHAILILOVA, S.G.; BAGIROVA, Sh.M.

Tetranychid mites, injurious to apple and pear, on the No.12 State
Farm of Kuba District, Azerbaijan S.S.R. Uch. zap. AGU. Biol. ser.
no.6:39-42 '59. (MIRA 15:5)
(KUBA DISTRICT--RED SPIDER) (APPLE--DISEASES AND PESTS)
(PEAR--DISEASES AND PESTS)

KHAIME, F. G

ABDULLAYEV, M.A., kandidat tekhnicheskikh nauk; KREPKOV, D.V., kandidat tekhnicheskikh nauk; PETROSYAN, V.A., kandidat tekhnicheskikh nauk; KHAIME, F.G., kandidat tekhnicheskikh nauk; UDALYY, A.M., redaktor; MEKHHALIYEV, K.M., tekhnicheskiiy redaktor.

[New friction surface and its use in deep well pumps] Novaya poverkhnost' trenia i ee primeneniye v glubinnom nasose. Baku, Gos.nauchno-tekhn.izd-vo neftianoi i gorno-toplivnoi lit-ry, Azerbaidzhanskoe otd-nie, 1953. 28 p.

(Surfaces) (Oil well pumps)

(MIRA 8:4)

SHAKHMALIYEV, G.M.; KHAIME, F.G.

Brake shoes developed by the Azerbaijan Petroleum Research
Institute for the Exploitation of Petroleum. Azerb.neft.khoz.
35 no.8:11-12 Ag '56. (MLRA 9:10)

(Oil wells---Equipment and supplies)

Khaim F.G.

135-5-13/14

SUBJECT: USSR/Welding

AUTHORS: Krepkov D.V., Engineer, Khaim F.G., Engineer and Buzdakov A.P. Engineer.

TITLE: "ГОСТ 6996-54" and the "Rules for Examining Welders" Need Revision! (Peresmotret' ГОСТ 6996-54 i "Pravila ispytaniya svarshchikov!")

PERIODICAL: Svarochnoye Proizvodstvo", 1957, # 5, p 29 (USSR)

ABSTRACT: The standard "ГОСТ 6996-54"- "Methods for Testing Welding Seams" and the "Rules for Examining Welders" issued in 1954 by the "Gosgortekhnadzor" contradict each other in several points, contain many errors and by far do not satisfy all requirements of industrial testing welding seams. The contradictions cause great confusion in testing welded connections.

The article contains some examples of contradictions and some requirements which practically cannot be satisfied.

Comparing the "ГОСТ" standard with the "Rules" it may be found that according to "ГОСТ" butt welds of tubes with a wall thickness of 6 mm and less are to be tested as a whole, and accord-

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135-5-13/14

TITLE: "ГОСТ 6996-54" and the "Rules for Examining Welders" Need Revision! (Peresmotret' ГОСТ 6996-54 i "Pravila ispytaniya svarshchikov!")

ing to the "Rules", butt welded tubes of a wall thickness up to 6 mm are to be tested as a whole.

Actually the testing of butt welds of tubes is governed not by the wall thickness but by the diameter of the tubes. However, it must be admitted that butt welds of thin-walled tubes (4-5mm) of great diameters have to be tested, yet none of the available testing machines has grips for tubes with more than 70 mm diameter. At the same time the powerful testing machines permit to perform tests of butt welds of small-diameter tubes with any wall thickness. In addition there are tubes of small diameter with a wall thickness exceeding 6 mm. According to the "Rules", samples must be cut from the butt welds of these tubes (because of the wall thickness requirement) which have to be machined to rectangular shape according to the test specifications which is practically impossible.

The editors of "Svarochnoye Proizvodstvo" support the statements made by the authors and ask the readers to give

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135-5-13/14

TITLE: "ГОСТ 6996-54" and the "Rules for Examining Welders" Need
Revision! (Peresmotret' ГОСТ 6996-54 i "Pravila ispytaniya
svarshchikov!")
their views.

ASSOCIATION: Azerbaydshan Research Institute for Exploitation of Oil Fields.

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress.

Card 3/3

PAN'KOV, V.L., inzh.; KHAIME, F.G., inzh.

Automatic stress regulator for reinforcement. Bet.i zhel.-bet.
no.8:369-370 Ag '61. (MIRA 14:8)
(Automatic control) (Concrete reinforcement)

ABDULLAYEV, M.A.; OGANOV, G.S.; KHAIME, F.G.

New deep-well pump. Azerb. ~~raft~~ khoz. 41 no.6:43-46 Ja '62.
(MIRA 16:1)

(Oil well pumps)

ABDULLAYEV, M.A.; KHAIME, F.G., kand. tekhn. nauk, red.; ZEYNALOVA,
T.Z., red. 1zd-va; NASIROV, N., tekhn. red.

[Packers] Pakery. Baku, Azerneshr, 1963. 126 p.
(MIRA 17:3)

KHAIMOV, B.Ya., nauchnyy sotrudnik; MINITINA, L.A., nauchnyy sotrudnik

Production and use of yarns with a new type of structure. Tekst.
prom. 24 no.7:29-30 J1 '64. (MIRA 17:10)

1. Uzbekskiy nauchno-issledovatel'skiy institut shelkovoy promy-
shlennosti (UzNTISHP).

KHAINOV, B.Yu.; BELOKON', N.I

Manufacture and application of loop yarn made with acetate silk.
Tekst. prom. 24 no.5:29-34 My '64 (MIRA 18:2)

1. Rukovoditel' laboratorii po pererabotke khimicheskikh volokon
Uzbekskogo nauchno-issledovatel'skogo instituta shelkovoy pro-
myshlennosti (for Khainov). 2. Starshiy dessinator Margelan-
skogo shelkovogo kombinata (for Belokon').

KHAIMOV, G.; ARISKIN, A.

Shipping road asphalt in Kraft paper containers. Neftianik 6
no.8:16-17 Ag '61. (MIRA 14:10)

1. Sotrudniki Glavneftesnaba RSFSR.
(Asphalt--Transportation)

TSURKOV, N.S., kand.tekhn.nauk; KHALMOV, G.Ya., inzh.

Efficiency of special destination trains for the transportation of
petroleum bitumen. Zhel.dor.transp. 45 no.7:49-50 J1 63.
(MIRA 16:9)

(Bitumen—Transportation)
(Railroads—Management)

Khaim, G. Ye.

USSR/Virology - Viruses of Man and Animals.
Viruses of Hepatitis.

E

Abs Jour : Ref Zhur Biol., No 6, 1959, 23885

Author : Khaim, G. Ye.

Inst :

Title : Our Experiment with Controlling Dotkin's Disease.

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiol., 1958, No 4,
25-26

Abstract : No abstract.

Card 1/1

Photometric errors of the field of the NAFA 3s/25 cameras.
Biul. Inst. astrofiz. AN Tadzh. SSR no.35:3-13 '63.

(MIRA 17:5)

KHAIMOV, I.M.

Investigating the NAF/ 3/25 cameras for assembling the photometric
unit of a guided camera. Biul.Inst.astrofiz. AN Tadzh.SSR no.37:30-
33 '64. (MIRA 18:1)

KHAIMOV, I. N.

Dissertation: "Reaction of the Azocoupling of beta-Lactonocarboxylic Acids." Cand
Chem Sci, Moscow Acad of Agri, Moscow 1953.

W-30928

SO: Referativnyi Zhurnal, No. 5, Dec 1953, Moscow, AN USSR (~~XXXXXXXX~~)

DRANNIKOVA, TS.I.; KHAIMOV, I.R.; SHAMSHURA, A.L.

Case of epidermoid cyst of the skull (osseous cholesteatoma).

Med. zhur. Uzb. no. 1:71-72 Ja '60.

(MIRA 13:8)

1. Iz bukharskoy oblastnoy bol'nitsy (glavnyy vrach - N.S. Nugmanov).
(SKULL—ABNORMALITIES AND DEFORMITIES) (CYSTS)

AYZENBERG, A.K.; KHAIMOV, N.B., red.; MIKHAYLOV, M.L., tekhn.red.

[Subject index of articles published in the journal
"Matematika v shkole" in the period 1937 - 1963] Tematicheski
skii ukazatel' statei, pomeshchennykh v zhurnale "Matematika
v shkole" za period s 1937 goda do 1963 goda. Izd.2., ispr.
i dop. Dushanbe, Dushanbinskii gos. pedagog. in-t im. T.G.
Shevchenko, 1963. 159 p. (MIRA 17:3)

KHAIMOV, O.S.

Gas supply to industrial enterprises and cities of the Uzbek
S.S.R. Gaz. delo no.1:42-45 '63. (MIRA 16:8)

1. Upravleniye "Uzhekgaz."
(Uzbekistan—Gas distribution)

RYZHKOV, O.A.; KHAIMOV, R.N.; VITCHINKIN, M.M.; ZUYEV, Yu.N.

Paleozoic oil of Uzbekistan and adjacent territories. Sov.
geol. 7 no.8:95-107 Ag '64. (MIRA 17:10)

1. Institut geologii i razrabotki neftyanykh i gazovykh
mestorozhdeniy AN UzSSR.

STAROBINETS, I.S.; KHAIMOV, R.N.; ZUYEV, Yu.N.; LYASHEVICH, D.F.

Oil potential of the Paleozoic deposits of Central Asia.
Dokl. AN Uz.SSR 21 no. 10:46-49 '64 (MIRA 19:1)

1. Institut geologii i razrabotki neftnyanykh i gazovykh
mestorozhdeniy Gosudarstvennogo geologicheskogo komiteta
SSSR. Submitted March 27, 1963.

RAIMON, Z.S., continued

Analysis of Bilingualism criteria: correct in single errors
of closure. 100% correct. 100% correct. 100% correct. 100% correct. 100% correct.
#83 (MIR) 100%

2. Moskovskiy institut inzhenerov protivopozitsionnoy obrany, seriya "tehnika i kartografiya".

KHAIMOV, Z.S., assistant

Real accuracy of angle measurements in 2d and 3d order triangulation calculated from triangle closure errors. Izv.vys.ucheb. zav.; geod.i aerof. no.4:73-81 '62. (MIRA 16:2)

1. Moskovskiy institut inzhenerov geodesii, aerofotos"yanki i kartografii.

(Triangulation)

KHAIMOV, Z.S., assistant

Criteria for negligible and maximum permissible errors.
Izv. vys. ucheb. zav.; geod. i aerof. no.4:43-55 '63.

(MIRA 17:9)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i
kartografii.

KHAIKOV, Z.S., assistant

Statistical investigation of a triangulation net pattern composed of equilateral triangles. Izv. vys. ucheb. zav.; geod. i aerof. no.4:41-56 '64. (MIRA 18:2)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii. Rekomendovana kafedroy vysshney geodezii.

KHAIMOVA, M.A.; KURTEV, B. I.

On the interaction of some arylated ethylene carbohydrates with
iodomonochloride and rearrangement of the pinacolin type of their
1-iodine-2-chlorine and 1-iodine-2-methoxy derivatives. Godishnik
khim 54 no.3:1-37 1959/60 (pub. '61.) (EEAI 10:9)

(Ethylene compounds) (Carbohydrates) (Pinacolone)
(Iodine chlorides) (Methoxy group)

KHAIMOVA, M.A.; BOGNAR, R.

interactions of some alkaloids of the morphine series with
iodine chloride. Dokl. AN SSSR 155 no. 5:1148-1151 Ap '64.
(MIRA 17:5)

1. Sofiyskiy gosudarstvennyy universitet, Sofiya, Bolgariya, i
Institut organicheskoy khimii Debretsenskogo gosudarstvennogo
universiteta im. Layosha Koshuta, Debretsen, Vengriya.
Predstavleno akademikom M.M.Shemyakinym.

KHAIMOVA, M.A.; KURTEV, B.I.; BEZUKHANOVA, Ts.P.

Preparation and rearrangement of pinacolin type, and reactivity of certain arylated β -iodoethers. Godishnik khim 55 no.3:67-86 '60/61 (publ.'62).

KHAIMOV, N. B.

"Problems of Distinction for Some Singular Points of the First Group."
Cand Phys-Math Sci, Inst of Mathematics and Mechanics, Acad Sci Tadshik SSR,
Stalinabad, 1953. (RZhMat, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (16).

KHAIMOV, N.B.

Using Briot and Bouquet's equation for investigation of the general
case. Trudy Inst. mat. i mekh. AN Uz. SSR no.21:113-122 '57.
(MIRA 11:6)

(Differential equations)

KHAIMOV, O.S.

Getting Tashkent ready for the introduction of natural
gas. Gaz. prem. 4 no.3:33-34 Mr '59. (MIRA 12:5)
(Tashkent--Gas, Natural)

GORSKIY, A.I.; VELIXOV, T.M.; KLEYMAN, Ya.M.; PSAK'YAN, P.P.;
FEYGELEVICH, M.V.; KHAIMOV, Ye.S.

Automatic and remote control of mining installations.
Gor. zhur. no.7:12-19 J1 '56.

(MLRA 9:9)

1. Yuvmetallurgavtomatika.
(Mining machinery) (Automatic control) (Remote control)

KHAIMOV, Ye.S., inzhener.; KRASNOPOL'SKIY, N.M., inzhener.

Automation of a mine compressor station. Gor. zhur. no.2:33-40
F '57. (MLRA 10:4)

1. Yuvmetallurgavtomatika.
(Krivoy Rog--Mining engineering) (Air compressors)
(Automatic control)

KHAIMOV, Yu., aspirant

Exocrine function of the pancreas after a stomach and duodenum
resection by Petrushinskii's method. Med. zhur. Uzb. no.11:
56-58 N '61. (MIRA 15:2)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - M.I.Petrushinskiy)
Andizhanskogo gosudarstvennogo meditsinskogo instituta.
(STOMACH__SURGERY) (DUODENUM__SURGERY)
(PANCREAS__SECRETIONS)

3(4)

AUTHOR:

Khaimov, Z. S.

SOV/6-58-10-4/17

TITLE:

On the Displacement of the Tips of Geodetic Signals under the Influence of Wind (O smeshchenii verшин geodezicheskikh signalov pod deystviyem vetra)

PERIODICAL:

Geodeziya i kartografiya, 1958, Nr 10, pp 23-31 (USSR)

ABSTRACT:

In 1951 and 1955, the Moscow Aerial Surveying Enterprise (Moskovskoye aerogeodezicheskoye predpriyatiye) experimented on the horizontal displacement of signal tables under the influence of wind and other causes. These experiments were carried out on the Chelyabinsk area in 1951 and in the Volga area (Povolzh'ye) in 1955. This time, unlike to what was the case with previous investigations, direct measurement of the displacement was carried out. This method of direct measurement is described in short: The accuracy in the determination of point D - the projection of the center of the table - was computed according to the formulae by A. S. Chebotarev (Ref 3). In 1955, solid, rigid, and stable signals were investigated by means of the large instrument "Aerogeopribor" TT 2"/6". The following statements are based on the results obtained:

1. Under the influence of external causes (temperature,

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On the Displacement of the Tips of Geodetic Signals
Under the Influence of Wind

SOV/6-58-10-4/17

atmospheric moisture, wind intensity and direction, structure of the signals, etc.) the upper part of surveying signals constantly moves along a closed curve. This motion does not occur in accordance with any rule and is not periodical. It must be supposed that most of the time this displacement is jump-like. 2. The stability of signals structure is satisfactory. The fluctuation of single signals does not exceed 2-3 millimeters, that of combined ones - 10 millimeters. 3. The displacement of signal tips depends on the dampness of the wood. 4. On cloudy and cold days, as well as during the night, the movement of signal tips is less intense than when the weather is clear and hot, or during the daytime. 5. The 1955 results confirm the conclusions drawn by A. I. Auzan (1915) and M. N. Sokolov (1943), although the 1955 data furnished considerably higher figures for the displacement of signal tips. 6. The influence of even strong wind upon the horizontal displacement of a signal table is negligible. 7. Since the displacement of a signal table during one period of visibility is negligible, the errors of direction measurement due to such displacement are small.

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On the Displacement of the Tips of Geodetic Signals SOV/6-58-10-4/17
Under the Influence of Wind

There are 3 figures, 3 tables, and 3 references, which
are Soviet.

Card 3/3

AUTHOR: Khaimov, Z. S.

S/006/60/000/03/002/019
B007/B123

TITLE: On the Preliminary Evaluation of Triangulation in Continuous Nets of the Second and Third Order (From Experience)

PERIODICAL: Geodeziya i kartografiya, 1960, Nr 3, pp 11 - 20 (USSR)

TEXT: The construction of a geodetic net consists of three phases: field observations, preliminary evaluation of data observed at triangulation points, and final adjustment. It is pointed out that the second phase is not sufficiently considered at present although it is very important. Based on the experience of group Nr 95 of the Moskovskoye AGP (Moscow Aerogeodetic Enterprise) the results obtained were tentatively generalized. This work was based on the assumption that 1) reliable and faultless data are obtained for successive adjustments and 2) the observer furnishes surveying data without grave mistakes. It was found to be necessary to reduce calculations at the triangulation point to a minimum, while the evaluation of field surveying should be carried out by teams formed for that purpose at the headquarters of the group. Accordingly, the preliminary evaluation of the triangulation made by group Nr 95 was divided into two phases: 1) Preliminary checking of data obtained in the field by the observer himself right at the triangulation point. 2) Preliminary computation of the triangulation by a computation team between two summers. The first phase

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On the Preliminary Evaluation of Triangulation in
Continuous Nets of the Second and Third Order
(From Experience)

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consists of the following procedures: a) computations in the manuals, b) delineation and checking of centering sheets, c) listing of the observed and adjusted bearings, d) obtaining corrections for centering and corrections for reduction from the point in question for the neighboring points out of nomograms and tables with an accuracy of 0".1. Group Nr 95 determined the corrections from the nomograms "Protractor of the Observer" (Fig 1) and "Measuring Grid of the Head of the Team" (Fig 2). These two nomograms are described here and their use is explained. A table shows the form for entering the corrections and figure 3 shows another nomogram for triangulation correction. Experience showed that this sequence of checking the surveying results preliminarily proved to be very efficient. A comparison of the results obtained in 1959 - when the procedure described here was applied - with those of previous years indicated that this procedure improves the quality of triangulation nets. Then, the main procedures used during the phase of preliminary computations of triangulation are listed. In this connection the tables by S. A. Angelov and D. A. Larin are mentioned. In conclusion it is demanded that the regulations existing for triangulation calculations be revised. Furthermore it is necessary to form computation teams

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On the Preliminary Evaluation of Triangulation in
Continuous Nets of the Second and Third Order
(From Experience)

S/006/60/000/03/002/019
B007/B123



headed by a highly qualified expert. The points to be included in the revised regulations mentioned above are listed. There are 3 figures and 1 table.

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8/006/60/000/00, 04, 024
B007/B123

AUTHOR: Khaimov, Z. S.

TITLE: On the Use of Portable Pyramids for Observing Points of
Second- and Third-order Triangulation ✓

PERIODICAL: Geodeziya i kartografiya, 1960, No. 5, pp. 17-22

TEXT: In 1959 foldable outer pyramids were used for observations at points of second- and third-order triangulation. The observations were carried out by team No. 95 of the Moskovskoye aerogeodezicheskoye predpriyatiye (Moscow Aerogeodetic Center). The inner pyramids were erected as constant basis for the instrument. The constant three-edged pyramids of timber (Fig. 1) and the portable, metallic outer pyramids for the observer were substituted for the simple signals. A range finder designed by V. N. Shishkin was fixed under the instrument table. The construction of the portable outer pyramid shown in Fig. 2 is explained in detail. Two pyramid types are used: one made of T-iron, designed by Engineer Grinberg (Fig. 2), the other of aluminum tubes with a diameter of 100 mm (Fig. 3). This square outer pyramid was transported by a 3-ton ✓ A

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